

Ionic Exchange as a "Unit Operation," by J. A. Zeegers

DUTCH, per, Chem Weekbl., Vol XLVIII, No 20,  
17 May 1952, pp 356-361.

TPA3/TIB T 4166

TT-64-20375

WE - Netherlands  
Scientific - Chemistry  
CTS/DEX

9256

Selective Membranes of Ion Exchangers, by F. Bergsma

DUTCH, per, Chem Weekbl, Vol XLVIII, No 20, 1952,  
pp 361-364.

TPA 3/TIB T 4165

Scientific - Chemistry  
CPS/DEX

2876

Flames and Atomizers, by C. Th. J. Alkenade,  
UNCLASSIFIED

DUTCH, wk n. p., Chem. Weekbl., Vol XLVIII, KMX  
1952, pp 669-703.

TPA3/TIB

T-1284 4218  
AEC-101-101

Scientific - Chemistry

15,504

Technique and Theory of Paper Electrophoresis,  
by J. de Wael, 22 pp.

DUTCH, per, Chem Weekblad, Vol. XLIX, No 14,  
Apr 1953, pp ~~229-230~~.

MLH

Scientific - Chemistry

CTS/DEX

17,967

Paper Electrophoresis of Cerebrospinal Fluid,  
by H. J. Peters, 4 pp.

DUTCH, per, Chem Weekblad, Vol XLIX, No 14,  
April 1953, pp 248, 249.

NIH

Scientific - Chemistry CTS/DEX

17,960

Determination of the Type of Surface-Active  
Agents in Conjunction with Synthetic Washing  
Compounds, by C.Kortland and H.F.Dammers.  
DUTCH, per, Chemisch Weekblad, 1953, vol. 49,  
pp. 341-348.  
SLA-TT-64-20369

Mat/Metal  
Aug 66

307,690

Ultraviolet Spectrophotometry Considered From an  
Instrumental Standpoint, by J. van Dranen, 14 pp.

DUTCH, per, Chemisch Weekblad, Vol XLIX, 1953,  
pp 482-491.

28,629

CIA/FDD/Z-179

Scientific - Physics

Nov 55 CTS/DEX

Critical Investigation of Simple Spectrophotometers  
by R. Schmidt, 3 pp.

DUTCH, per, Chemisch Weekblad, Vol XLIX, 1953,  
pp 492-493.

28,630

CIA/FDD/4-179

Scientific Physics

Nov 55 CTS/DEX



The Behaviour of the Spekker Absorptionmeter, by  
R. Schmidt, 5 pp.

DUTCH, per, Chemisch Weekblad, Vol XLIX, 1953,  
pp 494-496.

28,624

CIA/FDD/2-179

Scientific - Physics

Nov 55 CTS/DEX

Precision Extinction Measurements With Simple Spectrophotometers of the Deflection Type, by J. H. L. Zwiers, 6 pp.

DUTCH, per, Chemisch Weekblad, Vol XLIX, 1953, pp 496-499.

28,625

CIA/FDD/Z-179

Scientific - Physics

Nov 55 CTS/DEX

Boer, J. H. de and Steenis, J. van.  
FORMATION OF HYDROGEN MOLECULES FROM  
ATOMS ON SURFACES. [1961] 9p.  
Order from ATS \$15.80

ATS-85N51DU

Trans. of Chem[isch] Weekblad (Netherlands) 1953,  
v. 49, no. 38, p. 717-721.

DESCRIPTORS: \*Hydrogen, Molecules, Atoms,  
Surfaces.

61-22901

I. Boer, J. H. de  
II. Steenis, J. van  
III. ATS-85N51DU  
IV. Associated Technical  
Services, Inc., East  
Orange, N. J.

184152

Determination of Small Amounts of  $^{235}\text{U}$  in  
Magnesium-free Sodium Chloride Solutions, by  
G. H. Lefendink, P. J. Hol, 10 pp.

*D4744*  
~~SECRET~~, per, Chem Weekblad, Vol XLIX, 1953,  
1953, pp 733-735.

S.L.A. Tr No 261/1955

Sci - Chemistry  
Jan 1957 CTS/dex

*44, 924*

Method  
Method of Confining the Area of Spots of Solution  
Applied to Filter Paper for Chromatography, by  
A. J. Ultee, 4 pp.

*DUTCH*  
~~GERMAN~~, per, Chem Weekblad, Vol XLVIII, 1953,  
p 821.

SLA Tr: 757/1955

Sci - Chem

50, 215

Jul 57

Complexometric Determination of  $\text{SO}_4^{2-}$  and of  $\text{Ca}^{2+}$   
( $\text{Mg}^{2+}$  if Necessary) in Sodium Chloride Solutions,  
by P. J. Hol, 11 pp.

Dutch  
~~Chemist~~, par, Chem. Weekblad, Vol. L, 1954, pp 21-23.

S.L.A. Tr No 266/1955

Sci - Chemistry  
Jan 1957 CTS/dex

44, 923

Measurements in Scattering and Absorbing  
Media, by F. A. Rodrigo, 12 pp.

DEICH, per, Chemisch Weekblad, Vol L,  
(13: 2519), 1954, pp 234-236.

HHH

Scientific - Chemistry

CTB/DEX

13,790

Applications of Complexing Agents in Analytical  
Chemistry, by G. Bergshoeve, 51 pp.

*DUTCH*  
Gordon, per, Chem Weekblad, Vol L, No 2540, 1954,  
pp 581-589, 593-600.

SLA Tr 2638

Sci - Chemistry  
Oct 57

*54, 100*



Heat Transfer in the Evaporation of Sugar  
Solutions in a Tubular Evaporator, by  
C. E. Dorgelo, H. Kramers.

*Chem. Ind.*  
Chemisch, per, Chemische Weekblad, 1955.

CSIRO

Sci - Chem  
Jun 62

199,589

A New Quantitative Chromatographic Determination  
of the Various Amino Acids in Protein Hydro-  
lysates According to the Principle of Gradient-  
Elution Analysis, by T.H.J. Huismann, P. C.  
Van der Schaaf, 17 pp.

DUTCH, per, Chemisch Weekblad, ~~5th year~~,  
1 Jan 1955, pp 2-6.

NIH Tr 193

Vol 41  
30,342

Sci - Chemistry

A Rapid Removal of Iron, Aluminium, Titarium,  
Manganese and Phosphoric Acid from Solutions,  
Intended for the Determination of Magnesium  
and Calcium, by W. A. C. Champen and L. J. H.  
Wijst.

DUTCH, per, Chem Weekblad, Vol LI, No 10, 1955,  
pp 186-188.

INSIDOC-T2162

Sci

72,504

Aug 58

63-12773

Ketelaar, J. A. A., Fahrenfort, J. and others.  
REPORT ON A GROUP TEST OF PHOTOELECTRIC  
SPECTROPHOTOMETERS. [Feb 63] 12p.  
Order from ATS \$12.25      ATS-39P66DU

Trans. of Chem[isch] Weekblad (Netherlands) 1955,  
v. 51, no. 12, p. 211-219.

DESCRIPTORS: \*Spectrophotometers, Photoelectric  
effect, Tests.

(Physics--Spectroscopy, TT, v. 9, no. 7)

- I. Ketelaar, J. A. A.
- II. Fahrenfort, J.
- III. ATS-39P66DU
- IV. Associated Technical  
Services, Inc.,  
East Orange, N. J.

Office of Technical Services

Reference Points for Thermometry, by W. Smit

DUTCH, per, Chem Weekblad, Vol LI, No 18, 1955,  
pp 319, 320.

CSIRO-3314

Sci  
Apr 59

84,902

Physical-Chemical Properties of Lead sulphide in  
Connection With Stoichiometric Deviations,  
by J. Mosen, 20 pp.  
SUICH, per, Chem Weekblad, Vol 11, 1948, pp 337-351.  
AEC-SC-T-64-1828

Sci-Chem  
Mar 65

274,952

Filtration, by Cpl. T. Gie.

DUTCH, per, Chem Weekblad, Vol LI, 1955, pp 490-491.

ABELIB-GB39

8c1

u  
Aug 59

94,129

Selectivity and Specificity of Organic Reagents,  
by G. J. Henning, 18 pp.

DUTCH, per, Chem Weekblad, Vol LI, 1955, pp 519-  
527.

AEC Tr 2686

Sci & Chemistry  
Jan 57 CTS

42,188



The Acetylation of Chromatographic Paper, by  
J. W. H. Zijp. UNCL

DUTCH, per, Chem Weekblad, No 51, 1955, p 547-.

DSIR ~~338488~~ 33653/CT

Sci - Chem  
Mar 59

83,215

Determination of Potassium by Means of Tetraphenyl  
Sodium Borate, by H. W. Berkhout, G. H. Jongen.

DUTCH, per, Chemische Weekblad, Vol CI, # 28 Aug 1955,  
pp 607, 608.

Brutcher Tr 3969  
\$2.85

Sci - Chem

57,033

Jan 58

Agency: Army/Redstone  
NIFM No. 971-68100-00-7016

R-13552-B  
2 Aug. 71

Title: Calculation of Energy Levels of Aromatic  
Molecules through the Molecular Orbital  
Method.

Author: E.L. Hocker, et. al.

Source: Chemisch Weekblad, 51, 724-731 (1955).

Language: Dutch

Special Instructions: Please translate.  
Edited draft only.

Fluorescence and Phosphorescence, by A. Dammers-de  
Klerk, 20 pp.

DUTCH, per, Chemische Weekblad, Vol LI, 1955, pp  
741-750. CIA 9012964

ACSIL Tr 891

Sci - Chemistry  
Oct 57

53, 801

The Direct Potentiometric Titration of Free  
 $\text{SO}_3$  In Oleum Using Water as Titration Liquid,  
by H. B. Van Der Heijde.

*Dutch* *No 9*  
~~Chem~~, per, Chem Weekblad, ~~Vol II~~, 1955,  
pp 823-826.

D.S.I.R./28280/CT

Sci - Chemistry  
May 57 CTS/dex

*48,057*

Cooperative Investigation of Photoelectric  
Spectrophotometers, by J. A. A. Ketelaar.

*DUTCH*  
~~CHAM~~, per, Cham Weakblad, Vol LI, No 12,  
1955, pp 211-219.

34,057  
Brutcher Tr  
No 3667

\$7.90

Scientific - Physics

May 56 CTS/DEX

Inorganic Complexes, by A. K. Van Arkel,  
20 pp.

DUTCH, per, Chem Weekblad, Vol LII, 1956,  
pp 193-197.

ABO Tr 265B

Sci - Chemistry  
Des 56 GTS

41, 265

Physical Chemistry of the Wheat Protein  
in Connection with the Baking Values of  
Flours, by A. H. Bloksma.

GERMAN, per, Chemisch Weekblad, Vol. LII,  
No 20, 1956, pp 345-351.

CSIRO

Sci - Chem  
Jul 62

204,926



Heijboer, J.  
MOVEMENT OF ATOMIC GROUPS IN SOLID POLY-  
MERS: MECHANICAL SPECTROSCOPY. Paper Pre-  
sented at the Relaxation Symposium, Leiden, 2 Dec 55.  
[18]p 24refs  
Order from SLA \$1.60

TT-64-16322

Trans. of Chemisch Weekblad (Netherlands) 1956,  
v. 52, p. 481-490].

(Chemistry--Physical, TT, v. 12, no. 4)

TT-64-16322

- I. Heijboer, J.
- II. Title: Relaxation...
- III. Title: Mechanical...

Office of Technical Services

Electrical Current Caused by Fixed Differences in  
Concentration on Each Side of a Membrane, by  
P. Hirsch-Ayalon, 4 pp.

*Dutch*  
~~DEBIL~~, per, Chem Weekblad, Vol LII, 1956,  
pp 557-559.

AEC Tr 2848

Sci - Electricity  
Apr 57 CTS/dex

46, 323

Some Experiences with High-Frequency Titration,  
by H. Costing.

DUTCH, per, Chem Weekblad, Vol XXXLVII, No  
8, 1956, pp 665-670.

SEA/ASLID-GB39

Sat

Jul 58

68,438

Kooyman, E. C.  
FREE RADICALS AS INTERMEDIATE PRODUCTS  
IN CHEMICAL REACTIONS (Vrije Radicalen als  
Tussenproducten bij Chemische Reacties). [1961]  
17p. 6 refs.  
Order from SLA ml\$2.40, ph\$3.30 61-10468

Trans. of Chemisch Weekblad (Netherlands) 1957,  
v. 53 [no. 23] p. 307-310.

An elementary outline is given of reactions involving  
free-radical intermediates. The scientific and industrial  
significance of these processes is discussed on  
the basis of various examples. (Author)

(Chemistry--Organic, TT, v. 5, no. 12)

61-10468

1. Free radicals--Chemical  
reactions  
1. Kooyman, E. C.

148571

Office of Technical Services

Recent Advances in the Ion-Exchange Chromatography  
of Amino Acids and Proteins, by T. Huisman.

GERMAN, per, Chemisch Weekblad, Vol LIII,  
No 42, 1957, pp 553-560.

CSIRO 4108

Sci - Chem  
Aug 62

211.334

Colorimetric Determination of Alpha-Amylase,  
by G. Gough.

GERMAN, per, Chemisch Weekblad, Vol LXXX,  
1957, pp 597-602.

CSIRO

Sci - Chem  
Jul 62

204,892

61-22911

Strating, J.  
THE SULFONYL GROUP AND ITS EFFECT IN SUL-  
FONIC ACIDS AND SULFONES. [1961] 16p.  
Order from ATS \$25.80      ATS-76N51DU

Trans. of Chemisch Weekblad (Netherlands) 1958,  
v. 54, p. 1-7.

DESCRIPTORS: \*Sulfonyl radicals, \*Sulfonic acids,  
\*Sulfones, Acids.

I. Strating, J.  
II. ATS-76N51DU  
III. Associated Technical  
Services, Inc., East  
Orange, N. J.

ATD/1021-DU

177751

Office of Technical Services

(Chemistry--Physical, TT, v. 6, no. 4)

The Function of Elemental Sulfur in Organic  
Chemistry, by J. van Alphen.  
GERMAN, per, Chemisch Weekblad, Vol 54, 1958,  
pp 17-24.  
Chem Trans Sv 2761

321,643

Sci - Chemistry  
Mar 67



Be Warned When Using Magnesium Perchlorate as  
a Drying Agent, by J. W. Dam, 2 pp.

~~SECRET~~, per, Chemische Weekblad, Vol LIX,  
1958, p 277. 9093964

AEC Tr-5261

Sci  
Sep 62

The High Flux Reactor of the Netherlands Reactor  
Center, by M. Bustraan, 37 pp.

~~RESEARCH~~, per, Chem Weekblad, Vol LIV, 1958,  
pp 590-603.

AEC AD-240191

Sci - Chem  
Apr 61

149,028

Overbeek, J. Th. G.  
THERMODYNAMICS OF MICELLE FORMATION.  
Paper given at the Symposium on Solubilisation and  
Emulsions, Utrecht, 17-18 Apr 58. [1962] 12p. (figs.  
omitted) 31 refs.  
Order from SLA \$1.60

63-10733

Trans. of Chemisch Weekblad (Netherlands) 1958,  
v. 54, p. 687-691.

DESCRIPTORS: \*Thermodynamics, \*Colloids, Soaps,  
\*Entropy, Chemical equilibrium, Thermochemistry.

(Chemistry--Physical, TT, v. 9, no. 10)

63-10733

I. Overbeek, J. T. G.  
II. Title: Symposium ...

Office of Technical Services

63-10499

Reerink, H.  
MICELLE FORMATION SOLUBILIZATION IN NON-  
POLAR SYSTEMS. Paper given at the Symposium on  
Solubilization in Emulsions, Utrecht, 17-18 Apr 58.  
5 June 62, 24p. 37 refs.  
Order from SLA \$2.60

63-10499

Trans. of Chem[isch] Weekblad (Netherlands) 1958,  
v. 54, p. 721-726.

DESCRIPTORS: \*Soaps, \*Solubility, \*Colloids,  
Solvents.

(Chemistry--Physical, TT, v. 10, no. 8)

I. Reerink, H.  
II. Title: Symposium ...

Office of Technical Services

Metal Carbonyls, by H. Ohm, 21 pp.

~~Chemisch~~, per, Chemisch Weekblad, Vol IV, No 10,  
1959, pp 93-101.

SLA 60-14562

Sci  
Aug 61

OTS, Vol III, No 12

163,221

Automatic Extinction Recording in Chromatography  
and Other Methods of Fractionation, by W. L.  
van Es en L. Bosch.

DUTCH, per, Chemisch Weekblad, Vol LV, 1959,  
pp 246, 247. \_\_\_\_\_

\*TIL T-5132

Sci - Chem

Jul 60

Stevens, J. M.

TEN YEARS OF EVOLUTION OF THE TECHNOLOGY  
AND THE INVESTIGATION OF GLASS (Tien Jaar  
Evolutie van de Technologie en het Onderzoek van Glas).  
[1962] 137 p. (foreign text included) 9 refs.  
Order from SI A. \$3.60

62-18139

Trans. of Chemisch Weekblad (Netherlands) 1959, v. 35,  
p. 571-572.

DESCRIPTORS: \*Glass, Lattices, Laboratories,  
\*Ceramic materials, Processing, Industrial research,  
Crystallization, Guided missiles.

(Materials-Ceramics, ITC, v. 1, no. 3)

62-18139

1. Title: Pyroceram

1. Stevens, J. M.

Office of Technical Service

A Method to Reduce to Ash Organic Matter without  
Loss of Zinc and the Determination of the Zinc  
Concentration by the Dithizone Method, by W. A. C.  
Campen, H. Dunsulin, 6 pp.

DUTCH, per, Chemisch Weekblad, Vol LV, No 45,  
pp 632 633, 1959.

SLA 60-18150

193,764

Sci  
May 62  
Vol 4, No 10



Polymerization of Propylene With Ziegler-Natta  
Catalysts, by C. Boelhouwer, R. E. Waterman,  
10 pp.

DUTCH, per, Chemisch Weekblad, Vol LV, 1959,  
pp 661-665.

ATS-1704 DU  
ATS-672 - DU  
195, 978

Sci

Vol 4, No 10  
May 62

TT-65-12248

Field 7C

Bruijn, P. H. de.  
SURVEY OF NEW SYNTHESSES BY MEANS OF METAL-  
ALKYLS, ESPECIALLY IN THE POLYMERIZATION OF  
OLEFINS. 22p. (figs omitted) 41refs.  
Order from SLA: \$2.60 as TT-65-12248

Trans. of Chemisch Weekblad (Netherlands) v56 n11  
p161-72 1960.

I. Bruijn, Ph. de

MR 628

Function of the Protein and Nucleic Acid  
Components in Plant Viruses, by J. M. Kaper.  
GERMAN, per, Chemisch Weekblad, Vol. 56,  
No. 15/16, 1960, pp 221-232  
NRC/Ref. C-3551 - mi \$0.80; ph - \$1.40

Sci -  
Aug 67

335-970

Kerk, G. J. M. van der.  
TEN YEARS OF ORGANOTIN RESEARCH (Tien Jaar:  
Organotinonderzoek) tr. by H. A. G. Nathan. 1961,  
32p. 37 refs. NROC Technical Trans. 979.  
Order from NRCC \$2.00 NRCC C-4160

Trans. of Chemisch Weekblad (Netherlands) 1960,  
v. 56, no. 23, p. 339-349.

DESCRIPTORS: \*Metalorganic compounds, \*Tin com-  
pounds, Preparation, Chemical properties, \*Pesticides.

(Chemistry, TT, v. 9, no. 3)

63-12406

I. Kerk, G. J. M. van der  
II. NRCC TT-979  
III. NRCC C-4160  
IV. National Research  
Council of Canada

Office of Technical Services

Sample Preparation by Means of the Rotary  
Sample-Divider, by M. Hissink, D. J. W. Kreulen.

~~CHIMIA~~, per, Chemisch Weekblad, Vol LVI, No 27,  
1960, pp 410-413.

NCH A.1890  
S.843

Sci

Aug 61

List No 41

163,522

Willemse, Th. W.  
THE PHYSICS OF THE MIXING OF DRY GRANULAR  
SUBSTANCES (De Fysica van het Mengen van Droge  
Correlvormige Stoffen). [1963] 16p 6refs  
Order from SLA \$1.60

TT-63-20567

Trans. of Chemisch Weekblad (Netherlands) 1961,  
v. 57, p. 377-382. (Abstract available)

DESCRIPTORS: Powders, \*Mixtures, Particles,  
\*Ceramic materials, Material forming.

The physical processes playing a part in the mixing  
process are described, especially the opposing  
tendencies which sometimes have a distinct simul-  
taneous or later demixing result. In principle, all  
mechanisms always appear with a definite combination  
of apparatus and materials although in a definite  
proportion; this should guide somewhat in the choice of  
an apparatus. Quantitative considerations are still  
(Materials--Ceramics, TT, v. 11, no. 3) (over)

TT-63-20567

I. Willemse, T. W.

Office of Technical Services

Determination of the Distribution of Particle  
Sizes in Powders by Means of a Photosedimentograph,  
by J. M. H. Fortuin, J. M. G. Prop, 10 pp.

*Dist.*  
~~Chemisch~~ per, Chemisch Weekblad, Vol LVII, No 38,  
1961, pp 189-194. (9208254)

AEC-ENG-Inf-Ser-202

Ecl - Phys

Jun 63

234,310

Radioactive Fallout, by A. van der Linde,  
H. Erasmus, 21 pp.

GERMANY, per: Chemisch Weekblad, Vol XVII,  
1961, pp 501-505. 9216872

ABC-UCRL-TR-1000(1)

Sci - Nucl. Sci  
Box 64

248,553



Reference: Spectrophotometry, by G. H. Williams,  
 1960.

WURGE, 1961, Chemisch Weekblad, Vol. LXVII, 1961,  
 pp 147-152, 158-195.

REC 3-10-68

Sci. - Phys.

May 68

222 094



NCH-201 123

Field 7A

Quant, J. Th.; van Dam, J.; Engel, W. F.; Wattimena, F.  
THE SHELL CHLORINE PROCESS. 1965, 22p, 49refs.  
TC-824.

Order from TC: \$18.50 and TC-824

Trans. of Chemisch Weekblad (Netherlands) v58 p397-404  
1962.

- I. Quant, J. Th.
- II. van Dam, J.
- III. Engel, W. F.
- IV. Wattimena, F.
- V. TC-824
- VI. Trans-Chem, Knoxville,  
Tenn.

63-22202

Hassink, M.  
DEVELOPMENT OF A METHOD FOR DETERMINING  
SO<sub>3</sub> AND SO<sub>2</sub> IN (FLUE) GASES. [1963] 5p.  
Order from ATS \$6.00      ATS-94Q70DU

Trans. of Chem[isch] Weekblad (Netherlands) 1962,  
v. 58, p. 460-462.

DESCRIPTORS: Gas analysis, \*Sulfur compounds,  
\*Dioxides, \*Oxides, Waste gases.

(Chemistry--Analytical, TT, v. 10, no. 9)

- I. Hassink, M.
- II. ATS-94Q70DU
- III. Associated Technical  
Services, Inc.,  
East Orange, N. J.

Office of Technical Services

Research on Lipids, by J. Boldingh.  
DUTCH, per, Chemisch Weekblad, Vol LIX, No 23,  
1963, pp 317-325.  
Fisheries Res Bd of Canada

Sci-Biol/Med  
Aug 64

265,115

TT-64-16740

1. Title: Corrosion ...

DRIVEROL G, A CORROSION RESISTANT EXTREME  
PRESSURE ADDITIVE FOR GEAR OILS. 3p (2 figs  
omitted) 2refs.  
Order from SLA \$1.10

TT-64-16740

Trans. of report of Chemische Werke Huls, A. G.  
(West Germany) n. d.

(Materials--Lubricants, TT, v. 12, no. 4)

Office of Technical Services

Oxidation of Woodcharcoal With Nitric Acid,  
by Dickson, Easterfield,

GERMAN, per, Chem Zentr, 1899, ~~kp~~ p 42.

SIA Tr 1962

50,013

Sci - Fuels  
Jul 57

Combined Sulphurous Acids. III. Glucose-  
sulphurous Acid, by W. Kerp, E. Baur, 1 p.

GERMAN, per, Chem Zentr, Vol LXXVIII, No 2, 1907,  
p 971.

SIA 2811.

Sci - Chemistry  
Feb 58

59,497



The Influence of the Position of the Oxygen  
Atom in the Chain on the Velocity of Ether  
Hydrolysis, by M. H. Paldama, 8 pp.

ABSTRACT

CHIMIE, 1959, Chimie des Zentralketten, vol. 12, 1959,  
1963, pp 1956-1960 (of Academie Scientiarum  
Fennica Annals Series A, Finland, Vol. 29, 1-3,  
1963, pp 1-104).

SLA 59-10711

Sci - Chem  
Jan 60  
Vol 2, No 7

104, 821

On the Diagram of State of Carbon, by J. A. M.  
van Liempt, 2 p.

GERMAN, per, Chemisches Zentralblatt, 1921,  
Vol XCII, No 3, pp 1498.

SLA 59-17990

Sci  
Mar 60  
Vol 2, No 11

109,554

The Preparation of Ethylene Glycol Monoester  
of Methacrylic Acid, by J. Lesko.  
CZECH, per, Chemicke Zvesti, Vol 16, 1962, pp 109-  
112.  
NTC-71-22455-07C

Nov 71

Grafting of Styrene to Polypropylene.  
Pt. 1. Use of the Redox System Triethylen-  
etetramine(++) , by D. Mikulasova,  
M. Gheorghiu.  
CZECH, per, Chemické Zvesti, Vol 18,  
1964, pp 614-9  
ATS-12389SL

Sci - Chem  
Jul 67

331, 462

Grafting of Styrene to Polypropylene. Pt. 2.  
Optimum Concentration of the Components of  
the Redox System, by I. Simek, D. Mikulasova,  
M. Gheorghiu.  
CERCH, per, Chemické Zvesti, Bol. 181, 1964,  
pp 629-8.  
ATB-12689SL

Sci - Chem  
Jul 67

331, 461

Migraine Treatment with Chemazulones, by  
Miklos Vargha, 9 p.

GERMAN, per, Neurol und Med Psy 1950, Vol II,  
pp 116-117. and Chem Zentral Blatt, 1950-II, Vol  
Vol CXXI, pp 1843, abstract 4628

SLA 60-10006

Sci  
Apr 60  
Vol III, No 3

111, 591

62-17147

Bickel, G.  
OBSERVATIONS ON THE CHOICE AND THE SEC-  
ONDARY EFFECTS OF VARIOUS CORTISONE DE-  
RIVATIVE. [1962] 10p.  
Order from ATS \$16.45                      ATS-07P60F

Trans. of Chemotherapia (Switzerland) 1960, v. 1,  
no. 2, p. 66-80.

DESCRIPTORS: \*Adrenal cortical extract, \*Drugs.

(Biological Sciences--Pharmacology, TT, v. 8, no. 4)

I. Bickel, G.  
II. ATS-07P60F  
III. Associated Technical  
Services, Inc., East  
Orange, N. J.

Office of Technical Services

Schönfeld, H. and Seidl, S.  
EXPERIMENTAL AND CLINICAL EXPERIENCE WITH  
WITH A NEW SULFONAMIDE IN PEDIATRICS.  
[1962] 8p. 35 refs.  
Order from SLA \$1.10

62-14094

Trans. of Chemotherapy (Switzerland) 1961, v. 3  
[no. 1] p. 25-34.

DESCRIPTORS: Drugs, \*Sulfonamides, \*Pediatrics,  
Toxicity, \*Chemotherapeutic agents.

Experimental studies of a new long-acting sulfonamide (methoxypyrimin) are reported. After a rapid rise in the plasma concentration, excretion is prolonged. Therapeutic levels are still detectable after 24 hours. The preparation, which can be given in a single daily dose, has no cumulative effect and diffuses well into extra-vascular spaces. Clinical experience in 56 patients confirms the experimental.  
(Biological Sciences--Pharmacology, TT, v. 8, no. 9)  
(over)

62-14094

I. Title: Methoxine  
I. Schönfeld, H.  
II. Seidl, S.

Office of Technical Services



Colimycin in Infections of the Urinary  
Passages: Clinical Observations and  
Bacteriological Tests of Sensitivity  
in Vitro, by M. Pavone-Macaluso,  
M. Vecchioni, et al, 10 pp.  
SWEDISH, per, Chemotherapia, Vol V,  
No 2, 1962, pp 126-135.  
SLA TT-64-18723

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317,899

CHEMOTHERAPIA, BASEL, NEW YORK  
1962 V3 N2 P156-163 70-28306 (C)  
1962 V3 N5 P305-312 70-10763-160 (C) 0

Colymycin in Nephritis, by  
M. Goury-Laffont.  
SWEDISH, per, Chemotherapia, Vol V,  
No 2, 1962. pp 136-143.  
SLA TT-64-18724

Sci  
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317,834

The Effect of Antibiotherapy on Flora  
Found in the Course o f and on the  
Abatement of Urinary Infections, by  
Jean Desbordes, Paul Nau.  
SWEDISH, per, Chemotherapia, Vol VI,  
No 1/2, 1963, pp 75-81.  
SLA TT-64-18674

Jan 67

317,554

the Effect of Various Antibiotics on  
Pathogenic Coli Strains, by P. Naranjo,  
J. Carrillo de Moreno.  
SWEDISH, per, Chemotherapia, Vol VII,  
No 2, 1963, pp 77-84.  
SLA TT-64-18679

Jan 67

317,904

SJ-77/64

Ramon Castilla and the Rise of Peru as a Nation,  
by Jorge Basadre, 830.

SPANISH, bk, Chile, Peru y Bolivia Independientes,  
1948, pp 288-289, 305-310, 313-317.

*2*  
JPRS/SPECIAL/DC-10232

LA - South America  
Pol  
Jan 64



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| 1947 V1 N6 P125-131 | 78-21019 (U) |
| 1953 V7 N6 P108-111 | 78-23285 (U) |
| 1955 V11 N6 P39-402 | 78-23285 (U) |
| 1956 V12 N6 P39-402 | 78-23285 (U) |



Biedermann, W. and Schwarzenbach, G.  
THE "COMPLEXOMETRIC" TITRATION OF  
ALKALINE EARTHS AND SOME OTHER METALS  
WITH ERIOCHROME BLACK T [Die Komplexo-  
metrische Titration der Erdalkalien und einiger  
Anderer Metalle mit Eriochromschwarz T. Complexones.  
XI. [1963] 6p (figs omitted) 11refs  
Order from SLA \$1.10

63-20180

Trans. of Chimia (Switzerland) 1948, v. 2, p. 56-59.  
Another trans. is available from SLA as 57-01947, 12p.

DESCRIPTORS: \*Sequestering agents, \*Water supplies,  
\*Magnesium, \*Calcium, \*Strontium, \*Zinc, \*Cadmium,  
\*Manganese, \*Mercury, \*Volumetric analysis,  
\*Chemical indicators,

Titration methods for the determination of Mg, Ca, Sr,  
Zn, Cd, Pb, Mn and Hg are described, in which  
(Chemistry--Analytical, TT, v. 10, no. 12) (over)

63-20180

1. Title: Complexometric analysis
2. Title: Eriochrome black T
- I. Biedermann, W.
- II. Schwarzenbach, G.
- III. Title: Complexones. XI

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Crystal Structure of Metal Carbides and Nitrides  
Importance in Metallurgy, by W. H. Rappaport, 37 pp.

GERMAN, FOR. Science, Vol. V, 1951, pp. 47-67.

AND IN 1952

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Feltknecht, W.

THE BREAKDOWN OF OXIDE FILMS ON METAL SURFACES IN ACID ATMOSPHERES AND THE MECHANISM OF ATMOSPHERIC CORROSION: NOTES. [1962] 14p. (figs. formulae tables refs. omitted).

Order from SLA \$1.60

62-16990

Trans. of Chimia (Switzerland) 1952, v. 6 [no. 1] p. 3-13.

DESCRIPTORS: Corrosion research, \*Iron, Zinc, \*Cadmium, \*Nickel, \*Copper, Acids, Hydrochloric acid, \*Oxides, Films.

(Metallurgy--Corrosion, TT, v. 8, no. 10)

62-16990

1. Feltknecht, W.

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62-20081

Klemenc, A.  
NEW APPROACHES TO THE USE OF ELECTRICAL  
ENERGY IN CHEMICAL REACTIONS (GLOW DIS-  
CHARGE ELECTROLYSIS). [1962] 9p. 14 refs.  
Order from SLA \$1.10 62-20081

Trans. of Chimia (Switzerland) 1952, v. 6, p. 177-180.

DESCRIPTORS: \*Electrolysis, \*Glow discharges,  
\*Chemical reactions, Electrochemistry.

(Chemistry--Physical, TT, v. 9, no. 10)

I. Klemenc, A.

*Insdoc-T2349*

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Radiation Chemistry of Synthetic Polymers  
in the Solid State, by G. F. D'Alelio,  
R. Haberli.

GERMAN, per, Chimia, Vol XIII, 1959,

pp 309-314. PS10038167

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AND USGOVERNMENT CONTRACTORS ONLY S

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~~352 715~~

Use of Radioactive Isotopes for the Study of  
Reaction Mechanisms in Organic Chemistry, by  
H. Schmid,  
GERMAN, per, Chimia, Vol XIV, No 7, 1960,  
pp 248-261.  
AEC NP-tr-1451

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On Silica Gel, by H. W. Kohlschuetter.  
EUROPEAN, per, Chimia, Vol 14, 1960, pp 285-  
292.  
NTC-71-15527-07B

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| 1944 V26 P165-167    | 70-21027 (C) |

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| 1957 V39 N10 P832-841   | 1179 (MT)        |
| 1958 V40 N7 P556-560    | 70-12110-07C (C) |
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| 1959 V41 P503-504       | 70-21268 (C)     |
| 1959 V41 P506-513       | 70-21269 (C)     |
| 1959 V41 P513-514       | 70-21270 (C)     |
| 1960 V42 N12 P1325-1332 | 70-10966-07C (C) |
| 1962 V44 P1367-1374     | 70-12064-07C (C) |
| 1962 V44 P1346-1397     | 70-12063-07C (C) |
| 1962 V44 N4 P341-351    | 70-11931-07A (C) |



63-12981

Chierici, L. and Sardella, M.  
CONTRIBUTION TO THE STUDY OF THE AROMA  
OF ARTIFICIAL COFFEE: PRELIMINARY NOTE.  
[1962] 9p.

Order from K-H \$11.25

K-H-12595

- I. Chierici, L.
- II. Sardella, M.
- III. K-H-12595
- IV. Kresge-Hooker Science  
Library Associates  
Detroit, Mich.

Trans. of Chimica, Milan (Italy) 1953, v. 8, p. 1-9, 12.

DESCRIPTORS: \*Coffee, \*Substitutes, \*Odors, Smell.

(Food, TT, v. 9, no. 10)

Office of Technical Services

Mathematical Representation Of the Periodic System  
Of the Chemical Elements, by L.M. Marson and U.  
Zucchi.

SPANISH, per, Chimica, Vol XI, 1955, pp 369-374.

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Oct. 62

Periodic and Toxicologic Scheme Of Representation  
Of the Elements, by P. Saccardo.

SPANISH, per, Chimica, Vol XI, 1955, pp 411-414.

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Investigation of Ripening Physical of Silver Bromide  
Gelatine Emulsions in Simple Systems, by H. Ammann-  
Brass.

GERMAN, per, Chimia, Vol X, No 8, 1956, pp 173-188.

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ASLEB-GB131

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Determination of Residues of o,o-Dimethyl Dithio-  
phosphorylacetic Acid n-Methylamide in Cherries  
Treated With Products Containing this Insecticide,  
by R. Santi, B. Bazzi, 12 pp.

ITALIAN, per, Chimica (Milan) Vol XII, pp 325-328,  
1956.

SLA 3436

Sci - Chem  
Aug 58

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The Toxicology of Cigarette Smoke and the Defence  
Action of Filter, by M. Milletti, E. Bianchini,  
3 pp.

ITALIAN, per, Chimica, Vol XII, 1950, pp 511-513.

SIA 59-10332

Sci - Med  
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Vol 2, No 1

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Some Medical and Biological Applications  
of Chelate Complexes, by J. Schubert.

GERMAN, per, Chimia, Vol XI, No 5, 1957,  
pp 113-124.

CSIRO

Sci - Chem  
May 62

196, 412

Goldstein, S.  
PROBLEMS OF BREAD FLOUR INVESTIGATION.  
[1963] 22p. (figs. omitted).  
Order from SLA \$2.60] 63-14783

Trans. of Chimia (Switzerland) 1957, v. 11, no. 6,  
p. 141-172.

DESCRIPTORS: \*Bread, \*Flour, Wheat, Proteins,  
\*Tests, Processing, Quality control, Food.

(Food, TT, v. 10, no. 4)

63-14783

I. Goldstein, S.

Office of Technical Services